Installation Instructions for "ECL" ECLIPSE Decorative Unit

READ INSTRUCTIONS FIRST
TURN OFF ELECTRICITY TO WIRES YOU ARE WORKING WITH!

All electrical installations should be performed by a qualified electrician according to local electrical codes.

IMPORTANT SAFEGUARDS • SAVE THESE INSTRUCTIONS

When using electrical equipment, basic safety precautions should always be followed. These include the following :

1. **READ & FOLLOW ALL SAFETY INSTRUCTIONS**
2. Do NOT use outdoors.
3. Do NOT let power supply cords touch hot surfaces.
4. Do NOT mount near gas or electric heaters.
5. Use caution when handling batteries. Avoid possible shorting.
6. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
7. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
8. Do not use this equipment for other than its intended purpose.

INSTALLATION INSTRUCTIONS

1. Turn off AC power.
2. Extend unswitched AC line to unit location.
3. Remove both lenses from unit housing by prying up gently at ends. **See Diagram A.**
4. Remove unit back plate by releasing four (4) tabs that protrude through unit housing. **See Diagram B.**
5. Mount unit back plate to wall or ceiling by placing screws through appropriate slots and tightening. Be sure to orient the backplate so the test switch faces the desired direction after installation. For mounting to junction box, use slots in centre mounting pattern. For installations using conduit or line cord use key hole slots at corners of backplate. Suitable wall anchors should be used. Knock out the conduit entry hole in the unit housing for conduit or line cord assembly.
6. Attach unswitched AC circuit wires to unit AC input wires with wirenuts. **For 120 VAC input, follow Diagram C.** **For 277 VAC input, follow Diagram D.** Always cap unused wire.
7. Two leads are supplied (29W unit only) for DC connection of remote head or Exit. Red c/w in line fuse (+) blue (-). **See Diagram F.**
8. When ready to energize AC circuit, connect red battery leads by sliding the two terminals on the red wires together.
9. AC must be off when mating unit housing to backplate. Place unit housing over backplate and press until the four retaining tabs snap through the unit housing.
10. Select desired lamp positions and insert lamps (2) into sockets.
11. Replace lenses by engaging tabs at centre of housing and snapping in tabs at the ends. **See Diagram E.** Energize AC circuit.

TESTING

To test, depress test switch. The emergency lamps will illuminate. When switch is released lamps will go off. Allow unit to charge for 24 hours before initial full load testing.

IMPORTANT NOTICE

This equipment is furnished with a low voltage disconnect circuit to prevent damage by over-discharging the battery. However, if the AC supply to the unit is to disconnected for 2 months or more the battery **MUST BE DISCONNECTED.**

ALL SERVICING SHOULD BE PERFORMED BY QUALIFIED SERVICE PERSONNEL.

Diagram A

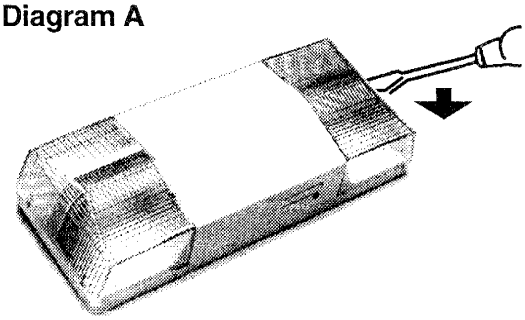


Diagram B

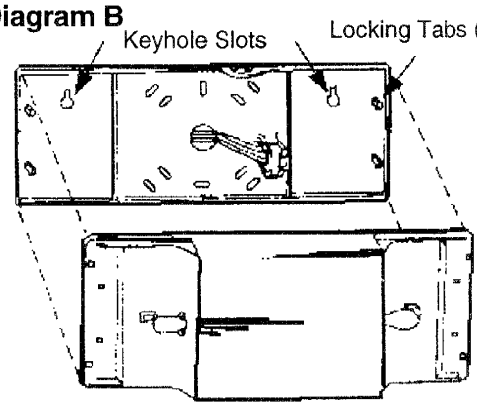


Diagram C

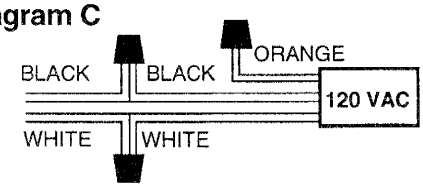


Diagram D

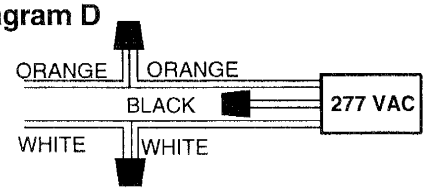


Diagram E

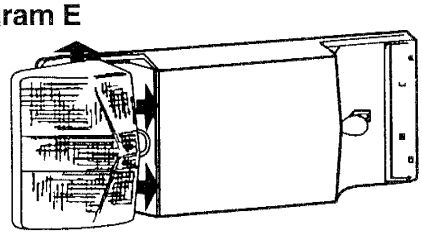
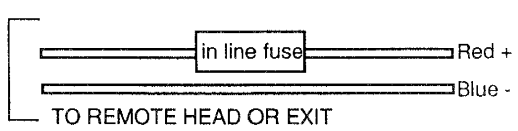


Diagram F



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IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

READ AND FOLLOW ALL SAFETY INSTRUCTIONS

1. Do not use outdoors.
2. Do not let power supply cords touch hot surfaces.
3. Do not mount near gas or electric heaters.
4. Use caution when handling batteries. Avoid possible shorting.
5. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
6. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
7. Do not use this equipment for other than intended use.
8. All servicing should be performed by qualified service personnel.

SAVE THESE INSTRUCTIONS

Installation Instructions

1. Turn off AC power.
2. Remove the backplate by pressing on the tabs (see fig. 2) with a screwdriver.
3. Locate the AC connector (see fig. 1) and attach to the unswitched AC circuit (or to the line cord for units with such an option). Our unit can accept input voltages of 120 VAC or 347 VAC depending on the model (see fig. 3).
   120 VAC — Connect the black (120 VAC) and white (neutral) leads to the building utility. Insulate the orange wire.
   120 VAC with line cord (optional) — Before making the connections, follow the line cord installation instruction at section 5. Then, connect the round wire from the line cord to the black (120 VAC) on the unit and the ridged wire from the line cord to the white (neutral) on the unit. Insulate the orange wire. You cannot ground the plastic housing, therefore, you should also insulate the unused green wire from the line cord.
   347 VAC — Connect the red leads (347 VAC) to the building utility.
4. Determine the desired position of the test switch (see fig. 2) before mounting the backplate.
5. Choose the proper mounting solution below and continue to step 6.

Junction box mounting

a. For standard junction box mounting, knock out the desired hole pattern in the backplate. Route the connector through the large knockout and mount the backplate to the junction box (see fig. 4).

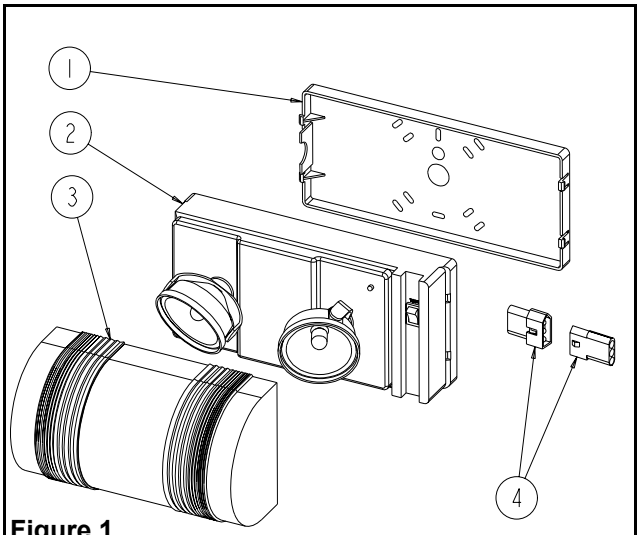


Figure 1

Part List

1. Backplate
2. Housing
3. Clear lens
4. AC connector

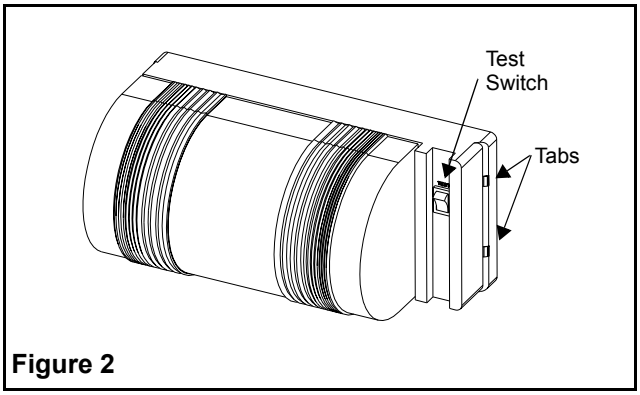


Figure 2

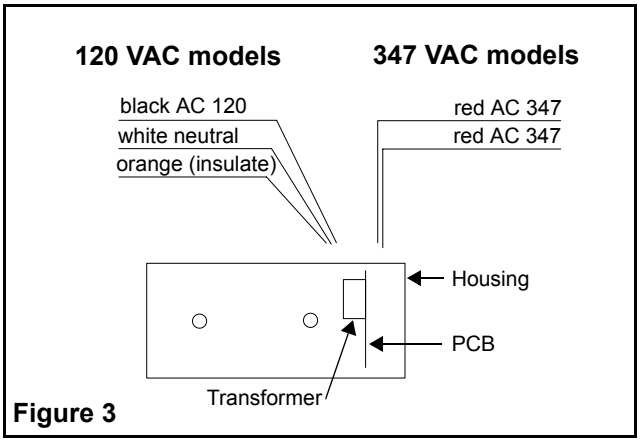


Figure 3

Flexible conduit entry mounting

a. For conduit entry, mount the backplate to the wall. Break out the conduit hole on the housing (see fig. 4). Assemble the conduit to the backplate.

Line cord installation (option)

a. Mount the backplate to the wall. Slide the metal adaptor over the line cord before making the connections described at step 3. Install the strain relief (see fig. 4). Using pliers, crimp strain relief onto the line cord. Keeping pressure on the pliers, slide the oval adaptor over the strain relief until it snaps. Insert the strain relief/ adaptor assembly in the knockout hole on the housing and fold the two tabs from the adaptor onto the housing.

6. When ready to energize AC circuit, connect the two red battery leads or connect red lead to the positive battery terminal.
7. AC must be off when mating AC connector. Mate the AC connector on the unit with the connector from the building AC service. If the unit is mounted to a junction box, push back through the large knockout in the backplate. If a conduit entry is used, position above battery to prevent interference.
8. Slide the housing over the tabs; conduit side on housing over conduit side on backplate (see fig. 5). Assemble the conduit side first, then align the tabs on the other side of the housing and of the backplate. Press together until it snaps.
   Note — For all applications, conduit entry side of housing must be assembled to conduit entry side of backplate as it will engage only one way.
9. Remove the clear lens by prying with a screwdriver, under the cover on the conduit side (see fig. 6).
10. Rotate heads to desired position and replace clear lens.
11. Energize AC. The AC pilot indicator, located under the cover, will illuminate (see fig. 6).

Vandal resistant (option)

Units with vandal resistant option: there are three vandal resistant screws. Two are securing the cover, and the other one secures the housing and the backplate (see fig. 7).

Remote (option)

Units with remote option: wire the Red lead (+) to the positive DC input voltage and the Blue Lead (-) to the negative DC input voltage.

Note — DC input voltages are 6, 12 or 24 volts.

Testing

Press test switch (see fig. 2). The emergency lamps will illuminate. When switch is released, lamps will go off. Allow unit to charge for 24 hours before initial testing.

Maintenance

None required.

This equipment is furnished with a low voltage disconnect circuit to prevent damage by over-discharging the battery. However, if the AC supply to the unit is to be disconnected for 2 months or more, the battery must be disconnected.

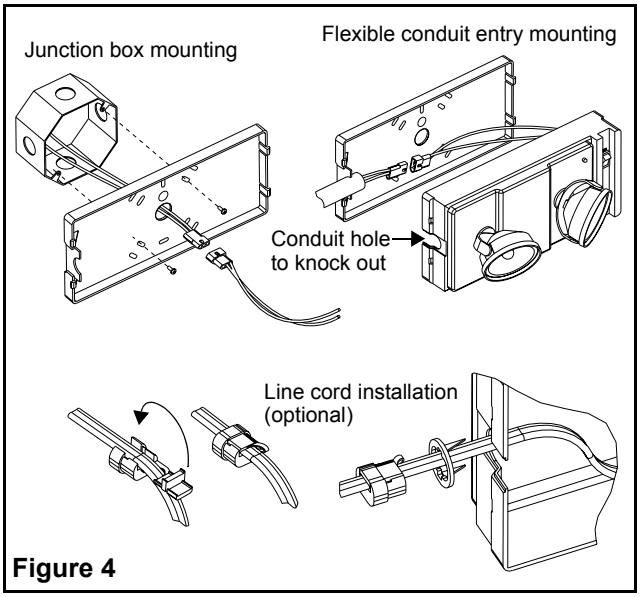


Figure 4

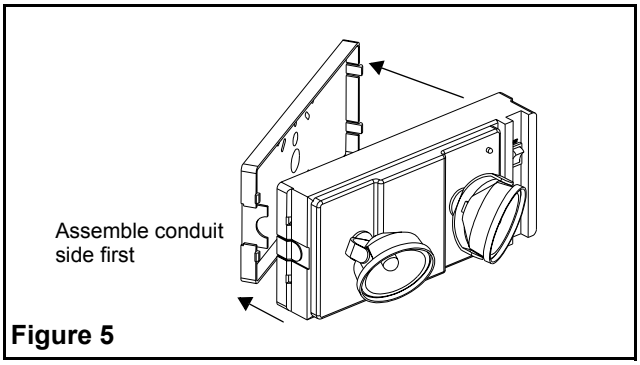


Figure 5

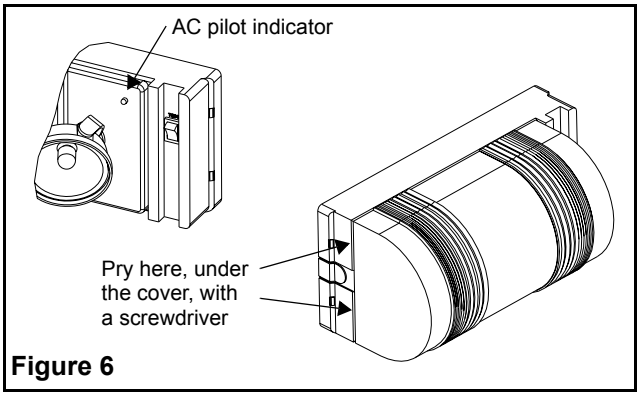


Figure 6

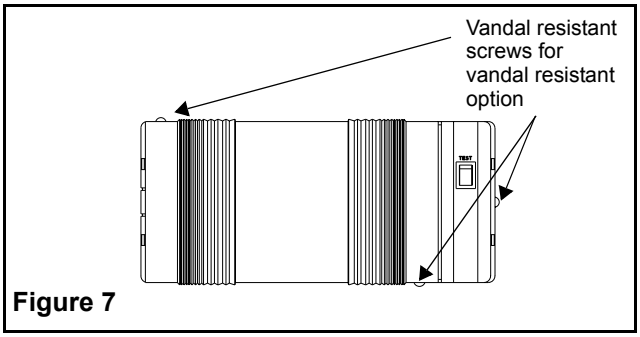


Figure 7

Self-Powered Halogen Light Unit Installation Instructions

IMPORTANT SAFEGUARDS

When using electrical equipment, basic safety precautions should always be followed including the following:

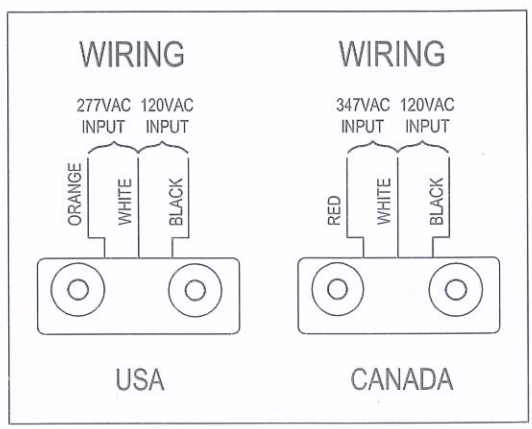
1. **READ AND FOLLOW ALL SAFETY INSTRUCTIONS**
2. Do not use outdoors.
3. Do not mount near gas or electric heaters.
4. Do not let power cords touch hot surfaces.
5. Use caution when servicing batteries. Avoid possible shorting.
6. Equipment should be mounted in locations and at heights where it will not readily be subjected to tampering by unauthorized personnel.
7. The use of accessory equipment not recommended by the manufacturer may cause an unsafe condition.
8. Do not use this equipment for other than intended use.
9. Before wiring to AC service, turn off AC power at fuse or circuit breaker.
10. Disconnect AC power and unplug battery before servicing.
11. When relamping, only use lamps specified in the fixture.
12. Battery in this unit may not be fully charged. After the AC service is hooked up to unit, let the battery charge up for at least 24 hrs before performing any tests.

SAVE THESE INSTRUCTIONS

INSTALLATION

JUNCTION BOX MOUNTING

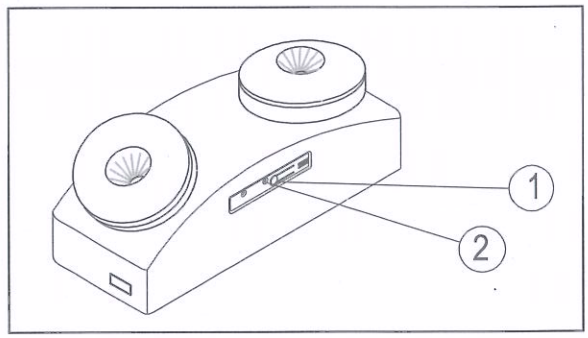
1. Remove 3/8" hole plug in the center of back plate and drill Ø 1/4" holes into oblong knock outs on back plate that correspond to junction box holes to be used.
2. Feed the transformer input leads through center hole and make the proper connections. In USA: If using 120VAC, connect the black and white leads to the building utility. If using 277VAC, connect the orange and white leads to the building utility. In CANADA: If using 120VAC, connect the black and white leads to the building utility. If using 347VAC, connect the red and white leads to the building utility. Cap off unused wire. If the unit is self-powered, be sure to snap battery connector together.
3. Feed excess wire into junction box and secure back plate to junction box.
4. Snap light head housing, top first and then bottom.



CONDUIT MOUNTING

1. Secure back plate to all surface. Feed AC wires through the hole on the top flange of the back plate and make conduit connection. Make AC power connections as in 2 above.
2. Snap light head housing, top first and then bottom.

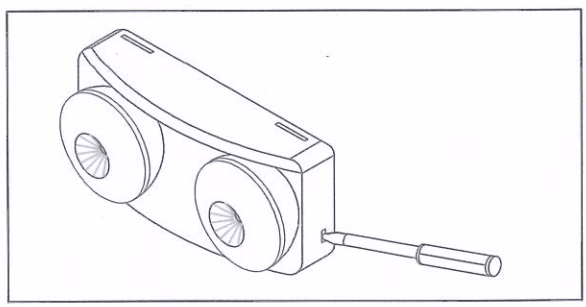
MANUAL TESTING



1) Manual battery test switch
2) Red LED (indicates normal operation)

OPENING LIGHT HEAD HOUSING

When opening light head, please insert screwdriver into the slot on the side and carefully push in and down.



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